

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/586,191
Source: IFWP
Date Processed by STIC: 07/26/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 07/26/2006

PATENT APPLICATION: US/10/586,191

TIME: 14:27:01

Input Set : A:\G06-0038seq.txt

Output Set: N:\CRF4\07262006\J586191.raw

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3 <110> APPLICANT: Takeda Pharmaceutical Company Limited
5 <120> TITLE OF INVENTION: DRUG FOR PREVENTING AND TREATING ARTERIOSCLEROSIS
7 <130> FILE REFERENCE: G06-0038
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/586,191
C--> 9 <141> CURRENT FILING DATE: 2006-07-14
9 <150> PRIOR APPLICATION NUMBER: PCT/JP2005/000733
10 <151> PRIOR FILING DATE: 2005-01-14
12 <150> PRIOR APPLICATION NUMBER: JP 2004-9383
13 <151> PRIOR FILING DATE: 2004-01-16
15 <160> NUMBER OF SEQ ID NOS: 6
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 362
19 <212> TYPE: PRT
20 <213> ORGANISM: Homo sapience
22 <400> SEQUENCE: 1
23 Met Arg Arg Pro Ser Leu Leu Leu Lys Asp Ile Leu Lys Cys Thr Leu
24           5              10              15
25 Leu Val Phe Gly Val Trp Ile Leu Tyr Ile Leu Lys Leu Asn Tyr Thr
26           20              25              30
27 Thr Glu Glu Cys Asp Met Lys Lys Met His Tyr Val Asp Pro Asp His
28           35              40              45
29 Val Lys Arg Ala Gln Lys Tyr Ala Gln Gln Val Leu Gln Lys Glu Cys
30           50              55              60
31 Arg Pro Lys Phe Ala Lys Thr Ser Met Ala Leu Leu Phe Glu His Arg
32           65              70              75              80
33 Tyr Ser Val Asp Leu Leu Pro Phe Val Gln Lys Ala Pro Lys Asp Ser
34           85              90              95
35 Glu Ala Glu Ser Lys Tyr Asp Pro Pro Phe Gly Phe Arg Lys Phe Ser
36           100             105             110
37 Ser Lys Val Gln Thr Leu Leu Glu Leu Leu Pro Glu His Asp Leu Pro
38           115             120             125
39 Glu His Leu Lys Ala Lys Thr Cys Arg Arg Cys Val Val Ile Gly Ser
40           130             135             140
41 Gly Gly Ile Leu His Gly Leu Glu Leu Gly His Thr Leu Asn Gln Phe
42           145             150             155             160
43 Asp Val Val Ile Arg Leu Asn Ser Ala Pro Val Glu Gly Tyr Ser Glu
44           165             170             175
45 His Val Gly Asn Lys Thr Thr Ile Arg Met Thr Tyr Pro Glu Gly Ala
46           180             185             190
47 Pro Leu Ser Asp Leu Glu Tyr Tyr Ser Asn Asp Leu Phe Val Ala Val
48           195             200             205
49 Leu Phe Lys Ser Val Asp Phe Asn Trp Leu Gln Ala Met Val Lys Lys
50           210             215             220

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```

51 Glu Thr Leu Pro Phe Trp Val Arg Leu Phe Phe Trp Lys Gln Val Ala
52 225                230                235                240
53 Glu Lys Ile Pro Leu Gln Pro Lys His Phe Arg Ile Leu Asn Pro Val
54                245                250                255
55 Ile Ile Lys Glu Thr Ala Phe Asp Ile Leu Gln Tyr Ser Glu Pro Gln
56                260                265                270
57 Ser Arg Phe Trp Gly Arg Asp Lys Asn Val Pro Thr Ile Gly Val Ile
58                275                280                285
59 Ala Val Val Leu Ala Thr His Leu Cys Asp Glu Val Ser Leu Ala Gly
60                290                295                300
61 Phe Gly Tyr Asp Leu Asn Gln Pro Arg Thr Pro Leu His Tyr Phe Asp
62 305                310                315                320
63 Ser Gln Cys Met Ala Ala Met Asn Phe Gln Thr Met His Asn Val Thr
64                325                330                335
65 Thr Glu Thr Lys Phe Leu Leu Lys Leu Val Lys Glu Gly Val Val Lys
66                340                345                350
67 Asp Leu Ser Gly Gly Ile Asp Arg Glu Phe
68                355                360
70 <210> SEQ ID NO: 2
71 <211> LENGTH: 1086
72 <212> TYPE: DNA
73 <213> ORGANISM: Homo sapience
75 <400> SEQUENCE: 2
76 atgagaaggc ccagcttggt attaaaagac atcctcaa at gtacattgct tgtgtttgga 60
77 gtgtggatcc tttatatcct caagttaaat tatactactg aagaatgtga catgaaaaaa 120
78 atgcattatg tggaccctga ccatgtaaag agagctcaga aatatgctca gcaagtcttg 180
79 cagaaggaat gtcgtcccaa gtttgccaag acatcaatgg cgctgttatt tgagcacagg 240
80 tatagcgtgg acttactccc ttttgtgcag aaggcccca aagacagtga agctgagtc 300
81 aagtacgatc ctctttttgg gttccggaag ttctccagta aagtccagac cctcttgga 360
82 ctcttgccag agcacgacct ccctgaacac ttgaaagcca agacctgtcg gcgctgtgtg 420
83 gttattggaa gcggaggaat actgcacgga ttgaactgg gccacacct gaaccagttc 480
84 gatgttgatg taaggttaaa cagtgcacca gttgagggat attcagaaca tgttggaat 540
85 aaaactacta taaggatgac ttatccagag ggcgcaccac tgtctgacct tgaatattat 600
86 tccaatgact tatttggtgc tgttttattt aagagtgttg atttcaactg gcttcaagca 660
87 atggtaaaaa aggaaccct gccattctgg gtacgactct tcttttgga gcaggtggca 720
88 gaaaaaatcc cactgcagcc aaaacatttc aggatattga atccagttat catcaaagag 780
89 actgcctttg acatccttca gtactcagag cctcagtc aa ggttctgggg ccgagataag 840
90 aacgtcccca caatcggtgt cattgcggtt gtcttagcca cacatctgtg cgatgaagtc 900
91 agtttgccgg gttttggata tgacctaat caaccagaa cacctttgca ctacttcgac 960
92 agtcaatgca tggctgctat gaactttcag accatgcata atgtgacaac ggaaaccaag 1020
93 ttctctttaa agctggtcaa agagggagtg gtgaaagatc tcagtggagg cattgatcgt 1080
94 gaattt 1086
96 <210> SEQ ID NO: 3
97 <211> LENGTH: 21
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Primer
104 <400> SEQUENCE: 3

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105 taatcggaag tggcggaata c 21
107 <210> SEQ ID NO: 4
108 <211> LENGTH: 21
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Primer
115 <400> SEQUENCE: 4
116 ctggcccca gaacctgac c 21
118 <210> SEQ ID NO: 5
119 <211> LENGTH: 54
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Nucleotide Sequence for shRNA
126 <400> SEQUENCE: 5
127 gaagaccag cttgttaatg tgtgctgtcc attaacaagc tgggtcttct tttt 54
129 <210> SEQ ID NO: 6
130 <211> LENGTH: 54
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Nucleotide Sequence for shRNA
137 <400> SEQUENCE: 6
138 gccaatgatt tggtcgtag tgtgctgtcc taacgaacaa atcattggct tttt 54
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/586,191

DATE: 07/26/2006

TIME: 14:27:02

Input Set : A:\G06-0038seq.txt

Output Set: N:\CRF4\07262006\J586191.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date